

Subject Index

Aquifers

- Groundwater Management by Chance-Constrained Model, Yeou-Koung Tung, WR Jan. 86 p1-19.
Modeling Two-Well System in a Stratified Aquifer, Eiji Fukumori, Emmett M. Laursen and Akio Wake, WR Jan. 86 p129-141.

Arizona

- Central Arizona Project Supervisory Control System, Robert S. Gooch and Albert L. Graves, WR July 86 p382-394.

Benefit cost analysis

- Dredged-Material Disposal System Capacity Expansion, David T. Ford, WR Apr. 86 p277-291.
Flood Control Benefits Revisited, David J. Plazak, WR Apr. 86 p265-276.

Calibration

- Case Study: Pipe Network Model Calibration Issues, Thomas M. Walski, WR Apr. 86 p238-249.
Explicit Pipe Network Calibration, Lindell E. Ormsbee and Don J. Wood, WR Apr. 86 p166-182.

Capacity

- Water Supply System Models with Capacity Expansion, Masahiro Nakashima, Harry G. Wenzel, Jr. and E. Downey Brill, Jr., WR Jan. 86 p87-103.

Capital improvement

- Financial Planning Model and Its Application, David H. Moreau, WR Oct. 86 p439-452.

Case reports

- Case Study: Pipe Network Model Calibration Issues, Thomas M. Walski, WR Apr. 86 p238-249.
Development Impacts on Water Quality: A Case Study, Tavitt O. Najarian, Thomas T. Griffin and Vajira K. Gunawardana, WR Jan. 86 p20-35.
Toxic Screening Models for Water Supply, Robert M. Clark, Walter M. Grayman and James A. Goodrich, WR Apr. 86 p149-165.

Colorado River

- Central Arizona Project Supervisory Control System, Robert S. Gooch and Albert L. Graves, WR July 86 p382-394.
Computer Models in Lower Colorado River Operations, David Stevens, WR July 86 p395-408.
The Windy Gap Project SCADA System, John Eckhardt, WR July 86 p366-381.

Columbia River

- Complexity in Columbia River Systems Modeling, Richard N. Palmer and Julia L. Cohan, WR Oct. 86 p453-468.

Community development

- Development Impacts on Water Quality: A Case Study, Tavitt O. Najarian, Thomas T. Griffin and Vajira K. Gunawardana, WR Jan. 86 p20-35.

Community planning

- Development Impacts on Water Quality: A Case Study, Tavitt O. Najarian, Thomas T. Griffin and Vajira K. Gunawardana, WR Jan. 86 p20-35.

Computer models

- Computer Models in Lower Colorado River Operations, David Stevens, WR July 86 p395-408.
Computerized Decision Support Systems for Water Managers, John W. Labadie and Charles H. Sullivan, WR July 86 p299-307.
TVA's Use of Computers in Water Resource Management, Bevan W. Brown and Robert A. Shelton, WR July 86 p409-418.

Computerized control systems

- Central Arizona Project Supervisory Control System, Robert S. Gooch and Albert L. Graves, WR July 86 p382-394.
Using Computers to Manage Irrigation Systems, Gerald W. Buchleiter and Dale F. Heermann, WR July 86 p354-365.
The Windy Gap Project SCADA System, John Eckhardt, WR July 86 p366-381.

Computerized simulation

- Interactive Simulation of Water Resource Systems, Alfred B. Cunningham and John R. Amend, WR July 86 p326-328.

Confined water

- Groundwater Management by Chance-Constrained Model, Yeou-Koung Tung, WR Jan. 86 p1-19.

Conflict

- Complexity in Columbia River Systems Modeling, Richard N. Palmer and Julia L. Cohan, WR Oct. 86 p453-468.

Contaminants

- Toxic Screening Models for Water Supply, Robert M. Clark, Walter M. Grayman and James A. Goodrich, WR Apr. 86 p149-165.

Court decisions

- Implications of Sporhase in Water-Resource Planning, John W. Bird, WR Apr. 86 p198-204.

Dam design

- Evolution of PMP Cooperative Studies, E. A. Stallings, A. G. Cudworth, E. M. Hansen and W. A. Styner, WR Oct. 86 p516-526.

Damage estimation

- Average Annual Damage by Flood Frequency Zone, Nigel W. Arnell, WR Jan. 86 p104-113.

Damage prevention

Flood Control Benefits Revisited, David J. Plazak, WR Apr. 86 p265-276.

Dams, rockfill

General Impacts of Aswan High Dam, Scot E. Smith, WR Oct. 86 p551-562.

Data collection systems

The Windy Gap Project SCADA System, John Eckhardt, WR July 86 p366-381.

Database management systems

Computerized Decision Support Systems for Water Managers, John W. Labadie and Charles H. Sullivan, WR July 86 p299-307.

Water Resource Management Decision Support Systems, Lynn E. Johnson, WR July 86 p308-325.

Decision making

Computerized Decision Support Systems for Water Managers, John W. Labadie and Charles H. Sullivan, WR July 86 p299-307.

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, WR Oct. 86 p527-541.

TVA's Use of Computers in Water Resource Management, Bevan W. Brown and Robert A. Shelton, WR July 86 p409-418.

Water Resource Management Decision Support Systems, Lynn E. Johnson, WR July 86 p308-325.

Delaware basin

Dredged-Material Disposal System Capacity Expansion, David T. Ford, WR Apr. 86 p277-291.

Demand

Financial Planning Model and Its Application, David H. Moreau, WR Oct. 86 p439-452.

Design events

Evolution of PMP Cooperative Studies, E. A. Stallings, A. G. Cudworth, E. M. Hansen and W. A. Styrer, WR Oct. 86 p516-526.

Disposal

Dredged-Material Disposal System Capacity Expansion, David T. Ford, WR Apr. 86 p277-291.

Dredge spoil

Dredged-Material Disposal System Capacity Expansion, David T. Ford, WR Apr. 86 p277-291.

Droughts

Drought and Power Production, Richard N. Palmer and Jay R. Lund, WR Oct. 86 p469-484.

Minimizing the Cost of Coping with Droughts: Springfield, Illinois, Benedykt Dziegielewski and James E. Crews, WR Oct. 86 p419-438.

Dynamic programming

Dynamic Programming in Hydropower Scheduling, R. B. Allen and S. G. Bridgeman, WR July 86 p339-353.

Economic analysis

Flood Control Benefits Revisited, David J. Plazak, WR Apr. 86 p265-276.

Economic impact

Minimizing the Cost of Coping with Droughts: Springfield, Illinois, Benedykt Dziegielewski and James E. Crews, WR Oct. 86 p419-438.

Egypt

General Impacts of Aswan High Dam, Scot E. Smith, WR Oct. 86 p551-562.

Environmental impacts

General Impacts of Aswan High Dam, Scot E. Smith, WR Oct. 86 p551-562.

Financial management

Financial Planning Model and Its Application, David H. Moreau, WR Oct. 86 p439-452.

Fish habitats

The Development of a Habitat Time Series, Robert T. Milhous, WR Jan. 86 p145-148.

Fish reproduction

Complexity in Columbia River Systems Modeling, Richard N. Palmer and Julia L. Cohan, WR Oct. 86 p453-468.

Fisheries

The Development of a Habitat Time Series, Robert T. Milhous, WR Jan. 86 p145-148.

Flood control

Flood Control Benefits Revisited, David J. Plazak, WR Apr. 86 p265-276.

Risk Information for Floodplain Management, L. Douglas James and Brad Hall, WR Oct. 86 p485-499.

Simulating the Flood Mitigation Role of Wetlands, Hisashi Ogawa and James W. Male, WR Jan. 86 p114-128.

Flood damage

Average Annual Damage by Flood Frequency Zone, Nigel W. Arnell, WR Jan. 86 p104-113.

Flood damages

Flood Control Benefits Revisited, David J. Plazak, WR Apr. 86 p265-276.

Flood frequency

Average Annual Damage by Flood Frequency Zone, Nigel W. Arnell, WR Jan. 86 p104-113.

Regional Skew with Weighted LS Regression, Gary D. Tasker and Jerry R. Stedinger, WR Apr. 86 p225-237.

Flood plain regulation

Risk Information for Floodplain Management, L. Douglas James and Brad Hall, WR Oct. 86 p485-499.

Flood plain studies

Average Annual Damage by Flood Frequency Zone, Nigel W. Arnell, WR Jan. 86 p104-113.

Flood-Plain Delineation in Ice Jam Prone Regions, Richard M. Vogel and Jerry R. Stedinger, WR Apr. 84 p206-219.

Frequency analysis

Regional Skew with Weighted LS Regression, Gary D. Tasker and Jerry R. Stedinger, WR Apr. 86 p225-237.

Great Lakes

Water Quality Management for Great Lakes System, Thomas M. Heidtke and William C. Sonzogni, WR Jan. 86 p48-63.

Groundwater management

Groundwater Management by Chance-Constrained Model, Yeou-Koung Tung, WR Jan. 86 p1-19.

Optimal Control Model for Groundwater Management, William H. Casola, Rangesan Narayanan, Christopher Duffy and A. Bruce Bishop, WR Apr. 86 p183-197.

Groundwater pollution

Challenges for Water Management in Tucson, Arizona, Philip C. Metzger, WR Apr. 86 p250-264.

Petroleum Recovery Operations in an Urban Area, Darrel J. Kost and Walter Parish, WR Oct. 86 p542-550.

Head loss

Explicit Pipe Network Calibration, Lindell E. Ormsbee and Don J. Wood, WR Apr. 86 p166-182.

Hydraulic models

Explicit Pipe Network Calibration, Lindell E. Ormsbee and Don J. Wood, WR Apr. 86 p166-182.

Hydroelectric power generation

Complexity in Columbia River Systems Modeling, Richard N. Palmer and Julia L. Cohan, WR Oct. 86 p453-468.

Drought and Power Production, Richard N. Palmer and Jay R. Lund, WR Oct. 86 p469-484.

Improving Performance of Irrigation/Hydro Projects, John C. Faux, John W. Labadie and Rogelio C. Lazaro, WR Apr. 86 p205-224.

Hydroelectric powerplants

Computer Models in Lower Colorado River Operations, David Stevens, WR July 86 p395-408.

Dynamic Programming in Hydropower Scheduling, R. B. Allen and S. G. Bridgeman, WR July 86 p339-353.

Hydrologic data

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, WR Oct. 86 p527-541.

Evolution of PMP Cooperative Studies, E. A. Stallings, A. G. Cudworth, E. M. Hansen and W. A. Styner, WR Oct. 86 p516-526.

Ice jams

Flood-Plain Delineation in Ice Jam Prone Regions, Richard M. Vogel and Jerry R. Stedinger, WR Apr. 84 p206-219.

Inland waterways

Water Resources and the Public Trust Doctrine, John W. Bird, WR Jan. 86 p64-70.

Interactive graphics

Water Resource Management Decision Support Systems, Lynn E. Johnson, WR July 86 p308-325.

Irrigation

Improving Performance of Irrigation/Hydro Projects, John C. Faux, John W. Labadie and Rogelio C. Lazaro, WR Apr. 86 p205-224.

Irrigation scheduling

Using Computers to Manage Irrigation Systems, Gerald W. Buchleiter and Dale F. Heermann, WR July 86 p354-365.

Irrigation systems

Using Computers to Manage Irrigation Systems, Gerald W. Buchleiter and Dale F. Heermann, WR July 86 p354-365.

Irrigation water

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, WR Oct. 86 p527-541.

Optimal Control Model for Groundwater Management, William H. Casola, Rangesan Narayanan, Christopher Duffy and A. Bruce Bishop, WR Apr. 86 p183-197.

Layout

Computerized Layout Generation for Sanitary Sewers, Sahin Tekeli and Huseyin Belkaya, WR Oct. 86 p500-515.

Linear programming

Financial Planning Model and Its Application, David H. Moreau, WR Oct. 86 p439-452.

Mapping

Flood-Plain Delineation in Ice Jam Prone Regions, Richard M. Vogel and Jerry R. Stedinger, WR Apr. 84 p206-219.

Mathematical models

Case Study: Pipe Network Model Calibration Issues, Thomas M. Walski, WR Apr. 86 p238-249.

Modeling Two-Well System in a Stratified Aquifer, Eiji Fukumori, Emmett M. Laursen and Akio Wake, WR Jan. 86 p129-141.

Water Quality Management for Great Lakes System, Thomas M. Heidtke and William C. Sonzogni, WR Jan. 86 p48-63.

Meteorological data

Evolution of PMP Cooperative Studies, E. A. Stallings, A. G. Cudworth, E. M. Hansen and W. A. Styner, WR Oct. 86 p516-526.

Microcomputers

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, WR Oct. 86 p527-541.

Using Computers to Manage Irrigation Systems, Gerald W. Buchleiter and Dale F. Heermann, WR July 86 p354-365.

Network design

Computerized Layout Generation for Sanitary Sewers, Sahim Tekeli and Huseyin Belkaya, WR Oct. 86 p500-515.

Networks

Case Study: Pipe Network Model Calibration Issues, Thomas M. Walski, WR Apr. 86 p238-249.

Explicit Pipe Network Calibration, Lindell E. Ormsbee and Don J. Wood, WR Apr. 86 p166-182.

Optimal control methods

Optimal Control Model for Groundwater Management, William H. Casola, Rangesan Narayanan, Christopher Duffy and A. Bruce Bishop, WR Apr. 86 p183-197.

Optimization models

Water Supply System Models with Capacity Expansion, Masahiro Nakashima, Harry G. Wenzel, Jr. and E. Downey Brill, Jr., WR Jan. 86 p87-103.

Petroleum products

Petroleum Recovery Operations in an Urban Area, Darrel J. Kost and Walter Parish, WR Oct. 86 p542-550.

Pollution control

Petroleum Recovery Operations in an Urban Area, Darrel J. Kost and Walter Parish, WR Oct. 86 p542-550.

Research Needs in Urban Storm-Water Pollution, James P. Heaney, WR Jan. 86 p36-47.

Water Quality Management for Great Lakes System, Thomas H. Heidtke and William C. Sonzogni, WR Jan. 86 p48-63.

Public information programs

Risk Information for Floodplain Management, L. Douglas James and Brad Hall, WR Oct. 86 p485-499.

Regional analysis

Regional Skew with Weighted LS Regression, Gary D. Tasker and Jerry R. Stedinger, WR Apr. 86 p225-237.

Regional planning

Simulating the Flood Mitigation Role of Wetlands, Hisashi Ogawa and James W. Male, WR Jan. 86 p114-128.

Research needs

Research Needs in Urban Storm-Water Pollution, James P. Heaney, WR Jan. 86 p36-47.

Reservoir operation

Computer Models in Lower Colorado River Operations, David Stevens, WR July 86 p395-408.

Interactive Simulation of Water Resource Systems, Alfred B. Cunningham and John R. Amend, WR July 86 p326-328.

TVA's Use of Computers in Water Resource Management, Bevan W. Brown and Robert A. Shelton, WR July 86 p409-418.

Reservoir system regulation

Operational Planning for California Water System, George W. Barnes, Jr. and Francis I. Chung, WR Jan. 86 p71-86.

Reservoir systems

Interactive Simulation of Water Resource Systems, Alfred B. Cunningham and John R. Amend, WR July 86 p326-328.

Risk analysis

Drought and Power Production, Richard N. Palmer and Jay R. Lund, WR Oct. 86 p469-484.

Risk Information for Floodplain Management, L. Douglas James and Brad Hall, WR Oct. 86 p485-499.

River basin development

Operational Planning for California Water System, George W. Barnes, Jr. and Francis I. Chung, WR Jan. 86 p71-86.

River basins

Improving Performance of Irrigation/Hydro Projects, John C. Faux, John W. Labadie and Rogelio C. Lazaro, WR Apr. 86 p205-224.

River regulation

Computer Models in Lower Colorado River Operations, David Stevens, WR July 86 p395-408.

Runoff forecasting

Limitations on Seasonal Snowmelt Forecast Accuracy, Dennis P. Lettenmaier, WR July 84 p255-269.

Salt water intrusion

Modeling Two-Well System in a Stratified Aquifer, Eiji Fukumori, Emmett M. Laursen and Akio Wake, WR Jan. 86 p129-141.

Sanitary sewers

Computerized Layout Generation for Sanitary Sewers, Sahim Tekeli and Huseyin Belkaya, WR Oct. 86 p500-515.

Scheduling

Dynamic Programming in Hydropower Scheduling, R. B. Allen and S. G. Bridgeman, WR July 86 p339-353.

Sewer design

Computerized Layout Generation for Sanitary Sewers, Sahim Tekeli and Huseyin Belkaya, WR Oct. 86 p500-515.

Simulation models

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, *WR* Oct. 86 p527-541.

Operational Planning for California Water System, George W. Barnes, Jr. and Francis I. Chung, *WR* Jan. 86 p71-86.

Site selection studies

Dredged-Material Disposal System Capacity Expansion, David T. Ford, *WR* Apr. 86 p277-291.

Snowmelt

Limitations on Seasonal Snowmelt Forecast Accuracy, Dennis P. Lettenmaier, *WR* July 84 p255-269.

Spillway capacity

Evolution of PMP Cooperative Studies, E. A. Stallings, A. G. Cadworth, E. M. Hansen and W. A. Styner, *WR* Oct. 86 p516-526.

Sprinkler irrigation

Using Computers to Manage Irrigation Systems, Gerald W. Buchleiter and Dale F. Heermann, *WR* July 86 p354-365.

State laws

Implications of Sporhase in Water-Resource Planning, John W. Bird, *WR* Apr. 86 p198-204.

Statistical analysis

Regional Skew with Weighted LS Regression, Gary D. Tasker and Jerry R. Stedinger, *WR* Apr. 86 p225-237.

Stochastic models

Groundwater Management by Chance-Constrained Model, Yeou-Koung Tung, *WR* Jan. 86 p1-19.

Stormwater

Research Needs in Urban Storm-Water Pollution, James P. Heaney, *WR* Jan. 86 p36-47.

Streamflow

The Development of a Habitat Time Series, Robert T. Milhous, *WR* Jan. 86 p145-148.

Surface waters

Toxic Screening Models for Water Supply, Robert M. Clark, Walter M. Grayman and James A. Goodrich, *WR* Apr. 86 p149-165.

System analysis

Water Quality Management for Great Lakes System, Thomas M. Heidtke and William C. Sonzogni, *WR* Jan. 86 p48-63.

Systems management

Interactive Simulation of Water Resource Systems, Alfred B. Cunningham and John R. Amend, *WR* July 86 p326-328.

Time series analysis

The Development of a Habitat Time Series, Robert T. Milhous, *WR* Jan. 86 p145-148.

Training

Interactive Simulation of Water Resource Systems, Alfred B. Cunningham and John R. Amend, *WR* July 86 p326-328.

Urban areas

Petroleum Recovery Operations in an Urban Area, Darrel J. Kost and Walter Parish, *WR* Oct. 86 p542-550.

Urban runoff

Research Needs in Urban Storm-Water Pollution, James P. Heaney, *WR* Jan. 86 p36-47.

Utilities

Financial Planning Model and Its Application, David H. Moreau, *WR* Oct. 86 p439-452.

Water allocation policy

Challenges for Water Management in Tucson, Arizona, Philip C. Metzger, *WR* Apr. 86 p250-264.

Water conservation

Challenges for Water Management in Tucson, Arizona, Philip C. Metzger, *WR* Apr. 86 p250-264.

Water demand

Optimal Control Model for Groundwater Management, William H. Casola, Rangesan Narayanan, Christopher Duffy and A. Bruce Bishop, *WR* Apr. 86 p183-197.

Water Supply System Models with Capacity Expansion, Masahiro Nakashima, Harry G. Wenzel, Jr. and E. Downey Brill, Jr., *WR* Jan. 86 p87-103.

Water distribution

Case Study: Pipe Network Model Calibration Issues, Thomas M. Walski, *WR* Apr. 86 p238-249.

Central Arizona Project Supervisory Control System, Robert S. Gooch and Albert L. Graves, *WR* July 86 p382-394.

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, *WR* Oct. 86 p527-541.

Explicit Pipe Network Calibration, Lindell E. Ormsbee and Don J. Wood, *WR* Apr. 86 p166-182.

Water law

Implications of Sporhase in Water-Resource Planning, John W. Bird, *WR* Apr. 86 p198-204.

Water policy

Implications of Sporhase in Water-Resource Planning, John W. Bird, *WR* Apr. 86 p198-204.

Water quality

Development Impacts on Water Quality: A Case Study, Tavot O. Najarian, Thomas T. Griffin and Vajira K. Gunawardana, *WR* Jan. 86 p20-35.

Toxic Screening Models for Water Supply, Robert M. Clark, Walter M. Grayman and James A. Goodrich, *WR* Apr. 86 p149-165.

Water quality control

Water Quality Management for Great Lakes System, Thomas M. Heidtke and William C. Sonzogni, *WR* Jan. 86 p48-63.

Water resources

Toxic Screening Models for Water Supply, Robert M. Clark, Walter M. Grayman and James A. Goodrich, *WR* Apr. 86 p149-165.

Water Resources and the Public Trust Doctrine, John W. Bird, *WR* Jan. 86 p64-70.

Water resources development

Improving Performance of Irrigation/Hydro Projects, John C. Faux, John W. Labadie and Rogelio C. Lazaro, *WR* Apr. 86 p205-224.

Water resources management

Complexity in Columbia River Systems Modeling, Richard N. Palmer and Julia L. Cohan, *WR* Oct. 86 p453-468.

Computerized Decision Support Systems for Water Managers, John W. Labadie and Charles H. Sullivan, *WR* July 86 p299-307.

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, *WR* Oct. 86 p527-541.

Implications of Sporhase in Water-Resource Planning, John W. Bird, *WR* Apr. 86 p198-204.

Interactive Simulation of Water Resource Systems, Alfred B. Cunningham and John R. Amend, *WR* July 86 p326-328.

Operational Planning for California Water System, George W. Barnes, Jr. and Francis I. Chung, *WR* Jan. 86 p71-86.

TVA's Use of Computers in Water Resource Management, Bevan W. Brown and Robert A. Shelton, *WR* July 86 p409-418.

Water Resource Management Decision Support Systems, Lynn E. Johnson, *WR* July 86 p308-325.

Water rights

Decision Support System for Local Water Management, Roy W. Koch and Roderick L. Allen, *WR* Oct. 86 p527-541.

Water Resources and the Public Trust Doctrine, John W. Bird, *WR* Jan. 86 p64-70.

Water shortage

Drought and Power Production, Richard N. Palmer and Jay R. Lund, *WR* Oct. 86 p469-484.

Water supply systems

Minimizing the Cost of Coping with Droughts: Springfield, Illinois, Benedykt Dziegielewski and James E. Crews, *WR* Oct. 86 p419-438.

Water Supply System Models with Capacity Expansion, Masahiro Nakashima, Harry G. Wenzel, Jr. and E. Downey Brill, Jr., *WR* Jan. 86 p87-103.

The Windy Gap Project SCADA System, John Eckhardt, *WR* July 86 p366-381.

Wetlands

Simulating the Flood Mitigation Role of Wetlands, Hisashi Ogawa and James W. Male, *WR* Jan. 86 p114-128.

Author Index

- Allen, R. B.**
Dynamic Programming in Hydropower Scheduling,
with S. G. Bridgeman, WR July 86, p339-353
- Allen, Roderick L.**
see Koch, Roy W., WR Oct. 86, p527-541
- Amend, John R.**
see Cunningham, Alfred B., WR July 86, p326-328
- Arnell, Nigel W.**
Average Annual Damage by Flood Frequency
Zone, WR Jan. 86, p104-113
- Barnes, George W., Jr.**
Operational Planning for California Water System,
with Francis I. Chung, WR Jan. 86, p71-86
- Belkaya, Huseyin**
see Tekeli, Sahin, WR Oct. 86, p500-515
- Bird, John W.**
Implications of Sporadic in Water-Resource Plan-
ning, WR Apr. 86, p198-204
Water Resources and the Public Trust Doctrine,
WR Jan. 86, p64-70
- Bishop, A. Bruce**
see Casola, William H., WR Apr. 86, p183-197
- Bridgeman, S. G.**
see Allen, R. B., WR July 86, p339-353
- Brill, E. Downey, Jr.**
see Nakashima, Masahiro, WR Jan. 86, p87-103
- Brown, Bevan W.**
TVA's Use of Computers in Water Resource
Management, with Robert A. Shelton, WR July
86, p409-418
- Buchleiter, Gerald W.**
Using Computers to Manage Irrigation Systems,
with Dale F. Heermann, WR July 86, p354-365
- Casola, William H.**
Optimal Control Model for Groundwater Man-
agement, with Rangesan Narayanan, Christopher
Duffy and A. Bruce Bishop, WR Apr. 86,
p183-197
- Chung, Francis I.**
see Barnes, George W., Jr., WR Jan. 86, p71-86
- Clark, Robert M.**
Toxic Screening Models for Water Supply, with
Walter M. Grayman and James A. Goodrich,
WR Apr. 86, p149-165
- Cohan, Julia L.**
see Palmer, Richard N., WR Oct. 86, p453-468
- Crews, James E.**
see Drzgielewski, Benedykt, WR Oct. 86, p419-438
- Cudworth, A. G.**
see Stallings, E. A., WR Oct. 86, p516-526
- Cunningham, Alfred B.**
Interactive Simulation of Water Resource Systems,
with John R. Amend, WR July 86, p326-328
- Day, Gerald N.**
disc. (of Limitations on Seasonal Snowmelt Fore-
cast Accuracy, by Dennis P. Lettenmaier, WR
July 84, p255-269) with Michael D. Hudlow and
John C. Schanke, Jr., WR4-85, p499-501
- Duffy, Christopher**
see Casola, William H., WR Apr. 86, p183-197
- Deleglelewski, Benedykt**
Minimizing the Cost of Coping with Droughts:
Springfield, Illinois, with James E. Crews, WR
Oct. 86, p419-438
- Eckhardt, John**
The Windy Gap Project SCADA System, WR July
86, p366-381
- Faux, John C.**
Improving Performance of Irrigation/Hydro
Projects, with John W. Labadie and Rogelio C.
Lazaro, WR Apr. 86, p205-224
- Ford, David T.**
Dredged-Material Disposal System Capacity Ex-
pansion, WR Apr. 86, p277-291
- Fukumori, Eiji**
Modeling Two-Well System in a Stratified Aquifer,
with Emmett M. Laursen and Akio Wake, WR
Jan. 86, p129-141
- Gerard, R.**
disc. (of Flood-Plain Delineation in Ice Jam Prone
Regions, by Richard M. Vogel and Jerry R.
Stedinger, WR Apr. 84, p206-219), WR Oct. 86,
p565-566
- Gooch, Robert S.**
Central Arizona Project Supervisory Control Sys-
tem, with Albert L. Graves, WR July 86,
p382-394
- Goodrich, James A.**
see Clark, Robert M., WR Apr. 86, p149-165
- Graves, Albert L.**
see Gooch, Robert S., WR July 86, p382-394
- Grayman, Walter M.**
see Clark, Robert M., WR Apr. 86, p149-165
- Griffin, Thomas T.**
see Najarian, Tavitt O., WR Jan. 86, p20-35
- Gumwardana, Vajira K.**
see Najarian, Tavitt O., WR Jan. 86, p20-35
- Hall, Brad**
see James, L. Douglas, WR Oct. 86, p485-499
- Hansen, E. M.**
see Stallings, E. A., WR Oct. 86, p516-526
- Henney, James P.**
Research Needs in Urban Storm-Water Pollution,
WR Jan. 86, p36-47
- Heermann, Dale F.**
see Buchleiter, Gerald W., WR July 86, p354-365

- Heidtke, Thomas M.**
Water Quality Management for Great Lakes System, with William C. Sonzogni, WR Jan. 86, p48-63
- Hudlow, Michael D.**
see Day, Gerald N., (disc), WR4-85, p499-501
- James, L. Douglas**
Risk Information for Floodplain Management, with Brad Hall, WR Oct. 86, p485-499
- Johnson, Lynn E.**
Water Resource Management Decision Support Systems, WR July 86, p308-325
- Koch, Roy W.**
Decision Support System for Local Water Management, with Roderick L. Allen, WR Oct. 86, p327-341
- Kost, Darrel J.**
Petroleum Recovery Operations in an Urban Area, with Walter Parish, WR Oct. 86, p542-550
- Labadie, John W.**
Computerized Decision Support Systems for Water Managers, with Charles H. Sullivan, WR July 86, p299-307
see Faux, John C., WR Apr. 86, p205-224
- Laursen, Emmett M.**
see Fukumori, Eiji, WR Jan. 86, p129-141
- Lazaro, Rogelio C.**
see Faux, John C., WR Apr. 86, p205-224
- Lettenmaier, Dennis P.**
Limitations on Seasonal Snowmelt Forecast Accuracy, WR July 84, p255-269
disc: Gerald N. Day, Michael D. Hudlow and John C. Schaake, Jr., WR4-85, p499-501
disc: David R. Maidment, WR4-85, p502-503
c/o: WR Apr. 86, p295-298
- Lund, Jay R.**
see Palmer, Richard N., WR Oct. 86, p469-484
- Maidment, David R.**
disc. (of Limitations on Seasonal Snowmelt Forecast Accuracy, by Dennis P. Lettenmaier, WR July 84, p255-269), WR4-85, p502-503
- Male, James W.**
see Ogawa, Hisashi, WR Jan. 86, p114-128
- Metzger, Philip C.**
Challenges for Water Management in Tucson, Arizona, WR Apr. 86, p250-264
- Milhouse, Robert T.**
The Development of a Habitat Time Series, WR Jan. 86, p145-148
- Moreau, David H.**
Financial Planning Model and Its Application, WR Oct. 86, p439-452
- Najarian, Taviti O.**
Development Impacts on Water Quality: A Case Study, with Thomas T. Griffin and Vajira K. Gunawardana, WR Jan. 86, p20-35
- Nakashima, Masahiro**
Water Supply System Models with Capacity Expansion, with Harry G. Wenzel, Jr. and E. Downey Brill, Jr., WR Jan. 86, p87-103
- Narayanan, Rangan**
see Casola, William H., WR Apr. 86, p183-197
- Ogawa, Hisashi**
Simulating the Flood Mitigation Role of Wetlands, with James W. Male, WR Jan. 86, p114-128
- Ormbee, Lindell E.**
Explicit Pipe Network Calibration, with Don J. Wood, WR Apr. 86, p166-182
- Palmer, Richard N.**
Complexity in Columbia River Systems Modeling, with Julia L. Cohan, WR Oct. 86, p453-468
Drought and Power Production, with Jay R. Lund, WR Oct. 86, p469-484
- Parish, Walter**
see Kost, Darrel J., WR Oct. 86, p542-550
- Piazak, David J.**
Flood Control Benefits Revisited, WR Apr. 86, p265-276
- Schaake, John C., Jr.**
see Day, Gerald N., (disc), WR4-85, p499-501
- Shelton, Robert A.**
see Brown, Bevan W., WR July 86, p409-418
- Smith, Scot E.**
General Impacts of Aswan High Dam, WR Oct. 86, p551-562
- Sonzogni, William C.**
see Heidtke, Thomas M., WR Jan. 86, p48-63
- Stallings, E. A.**
Evolution of PMP Cooperative Studies, with A. G. Cudworth, E. M. Hansen and W. A. Styner, WR Oct. 86, p516-526
- Stedinger, Jerry R.**
see Tasker, Gary D., WR Apr. 86, p225-237
see Vogel, Richard M., WR Apr. 84, p206-219
- Stevens, David**
Computer Models in Lower Colorado River Operations, WR July 86, p395-408
- Styner, W. A.**
see Stallings, E. A., WR Oct. 86, p516-526
- Sullivan, Charles H.**
see Labadie, John W., WR July 86, p299-307
- Tasker, Gary D.**
Regional Skew with Weighted LS Regression, with Jerry R. Stedinger, WR Apr. 86, p225-237
- Tekell, Sahim**
Computerized Layout Generation for Sanitary Sewers, with Huseyin Belkaya, WR Oct. 86, p500-515
- Tung, Yeou-Koung**
Groundwater Management by Chance-Constrained Model, WR Jan. 86, p1-19

Vogel, Richard M.

Flood-Plain Delineation in Ice Jam Prone Regions,
with Jerry R. Stedinger, WR Apr. 84, p206-219
disc: R. Gerard, WR Oct. 86, p565-566
clo: WR Oct. 86, p566-567

Wenzel, Harry G., Jr.

see Nakashima, Masahiro, WR Jan. 86, p87-103

Wood, Don J.

see Ormsbee, Lindell E., WR Apr. 86, p166-182

Wu, Ahle

see Fukumori, Eiji, WR Jan. 86, p129-141

Walsh, Thomas M.

Case Study: Pipe Network Model Calibration
Issues, WR Apr. 86, p238-249